# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Tuesday 20 Dec 2022 until 23:59 on Wednesday 21 Dec 2022

Forecast Issued on Monday 19 Dec 2022 at 12:36

**Confidence:** High for occasionally unsettled, particularly from Wednesday, but lowering for the detail of worst of conditions.

**Headline for Tuesday 20 Dec 2022:** Brighter spells and only a few scattered light showers.

**Mountain weather hazards on Tuesday 20 Dec 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Cloudy | Partly cloudy (night) | Sunny intervals | Sunny intervals | Sunny intervals | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 10% | 10% | <05% | <05% | <05% | 10% | <05% | 10% |

**Forecast for Tuesday 20 Dec 2022**

**Weather:** Mainly dry with clear then sunny spells, with only a few light showers appearing, most of these during the early hours of the morning.

**Chance of cloud-free hill tops above 600m:** 90% plus

**Low cloud and visibility:** Very good becoming moderate or poor in showers, very poor within cloud with bases infrequently lowering 500m, chiefly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Met Office Mountain Weather Forecast

**Forecast for Tuesday 20 Dec 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 21/29 SW | 20/27 SW | 21/29 SW | 25/36 SW | 27/36 SW | 24/33 SW | 23/34 SW | 23/33 SW | 23/34 SW |
| **300** | 13/21 SW | 12/21 SW | 14/23 SW | 18/29 SW | 20/29 SW | 19/28 SW | 17/27 SW | 16/27 SW | 16/27 S |
| **Valley** | 8/21 SW | 7/21 SW | 8/23 SW | 10/27 SW | 13/28 SW | 11/26 SW | 10/27 SW | 10/27 SW | 10/25 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/1 | 5/0 | 4/-1 | 4/-2 | 4/-3 | 4/-3 | 3/-3 | 3/-4 | 3/-3 |
| **300** | 9/6 | 8/5 | 7/3 | 6/1 | 6/2 | 6/2 | 5/1 | 5/0 | 5/0 |
| **Valley** | 8/6 | 8/6 | 6/4 | 5/2 | 7/3 | 6/3 | 5/2 | 4/1 | 5/2 |
| **Freezing Level*** | 1800m | 1200m | 1100m | 1100m | 1000m | 1000m | 900m | 900m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Severe wind chill across highest peaks.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Mon 19 Dec 2022 | 3.8mm | 3.8mm | 3.8mm |

**Forecast for Wednesday 21 Dec 2022**

**Weather:** Rather cloudy with frequent showers, turning heavy at times, bringing the risk of hail and thunder, particularly either side of mid-day.

**Maximum wind:** Southwest mean 20-25mph with gusts reaching 35mph across most exposed ridges and summits.

**Chance of cloud-free hill tops above 600m:** 70-80% for any given time but limited chance of prolonged periods given the showery nature of the flow.

**Low cloud and visibility:** Very good becoming moderate or poor in showers, very poor within cloud with bases frequently lowering 500m, chiefly as showers push through.

**Temperature:** **Valleys:** Plus 2 Celsius increasing 10 Celsius during the afternoon
**At 600m:** Plus 3 Celsius
**Freezing level:** 900-1000m

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